

ABSTRACT OF THE DISCLOSURE

The present invention provides a method and apparatus for communication to threads of control through streams. According to one embodiment, the streams are standard stream operators in a dynamically typed language. According to another embodiment, the same mechanism (via streams) used for program input and output of a dynamically typed language is used for communication with running threads. According to yet another embodiment, a thread is assigned 2 streams when it is created. The thread can read from one stream (call it input) and write to the other stream (call it output) using the standard stream operator. Furthermore, a parent thread (a thread that starts a child thread) can also use the 2 streams mentioned above to send and receive data from a child thread using the standard stream operator.